

ABSTRACT OF THE DISCLOSURE

A one piece paperboard sheet is folded and glued so as to define a carton with a pour spout movable along a fold line between closed and open positions so that contents of the carton can be expelled therethrough. Exterior surfaces of the carton are clay coated for printability and interior surfaces are coated with a water-dispersible vapor impermeable polymer so that the carton exhibits a moisture vapor transmission rate through the walls of about less than 1.0. The carton and the pour spout can form a labyrinth seal in which an inner layer of the spout abuts the carton at a location between the fold line and an upper end of the pour spout.